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CATALOGUE OF CANADIAN PLANTS

By The Rev. Prof. Hubbert, M.A.,Ph.D.

CATALOGUE

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OF

CANADIAN PLANTS.

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CATALOGUE

OF THE

FLOWERING PLANTS

AND FERNS

INDIGENOUS TO, OR NATURALIZED IN,

Canada.

TO

FACILITATE THE EXCHANGING OF SPECIMENS, ETC.

BY

THE REV. PROF. HUBBERT, M.A., PH.D.

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PREFACE.

Though no apology is necessary for an attempt at a systematic enumeration of our plants, the compiler desires briefly to state the motives that led him to undertake the work.

Having been for some time engaged in the preparation of a Canadian Flora, on the plan of De Candolle's "Flore Française," he of course felt anxious to embody in it, not only the result of the researches of our earlier Botanists, like Pursh, Michaux, Hooker, &c., but also the scattered knowledge stored away in the herbariums and note-books of a large number of careful, conscientious investigators, who, by working up the Botany of their own localities, are adding year by year to our knowledge of the subject. Resolved before finally correcting the manuscript for the press, to make an appeal to the Students of Canadian Botany for any additional facts regarding the distribution and variation of species, influence of latitude and altitude, local causes, &c.: the question next arose in what way this could best be done. The plan of a numbered Catalogue was fixed upon, with the hope that while it rendered the transmission of information about the species occurring in any locality easy, it would also prove useful to amateur Botanists, by limiting the number of names among which they would require to search, in determining specimens; and to persons forming herbariums, by aiding them in effecting exchanges.

The author earnestly solicits any information that will assist in securing accuracy in the "Flora". He will gladly examine, name, and return at his own expense, plants sent to him from any part of Canada; and so far as the nature of the work will allow, all assistance received will be carefully acknowledged. In the Catalogue, the nomenclature of Professor Gray has been adopted as that best known. This has been the case even where a somewhat different arrangement would have been employed in a larger work.

Accuracy in a list like this is a more important consideration than the grouping of species and a great deal of pains has been taken to secure it.

The writings of Pursh, Michaux, Hooker, Gray, Torrey, Provencher, Brunet, and others have been consulted; the lists published in the Canadian Journal and Naturalist, Annals of the Botanical Society of Canada, American Journal

of Science, Proceedings of the Boston Natural History Society, Edinburgh New Philosophical Journal, Report of the Canadian Geological Survey, etc, along with those furnished by a large number of correspondents compared; and in nearly every case of doubt, the result checked by the examination of specimens. Valuable assistance has been given in the true unselfish spirit of science by the Rev. Prof. Hincks, D. A. P. Watt, Esq., W. Macoun, Esq., and others. Absolute reliability however is scarcely attainable at once, where there has been so much guessing at truth in some of the local reports, and by the kind permission of the Editors of the Canadian Journal and Canadian Naturalist, an occasional annotated supplemental list may be published in those magazines, and notice given of species rejected on a better acquaintance with their range.

There are two classes of plants to be disposed of in addition to those which may certainly and properly be termed Canadian. A plant is sometimes cited as having been met with in some spot where no subsequent explorer has ever succeeded in finding it. Has this arisen from a mistake on the part of the botanist? Or has the plant been driven from its home, by the march of cultivation, draining, and other changes? Circumstances cannot always determine. In many cases we can say positively that the authority is so good as to warrant us in admitting the species. Generally however such plants must be held for the present as doubtful. These, with a few border species growing in such positions as to render their occurrence in Canada almost certain, have been gathered into a separate group on page 27. They should be specially looked for along the United States frontier. Finally, a second separate list contains those occasional stragglers, which are found sparingly escaped from gardens, and maintaining a precarious existence; usually disappearing after two or three years.

The Pamphlet was originally intended only for gratuitous distribution: but it has been thought better to put a few copies into the hands of the Booksellers, as in some cases this will render it more easily accessible.

St. Francis College,
January 13, 1867.

CATALOGUE.

RANUNCULACEÆ.

ATRAGENE
1. Americana, Sims.
CLEMATIS
2. cylindrica, Sims.
3. Virginiana, L.
ANEMONE
4. parviflora, Michx.
5. multifida, DC.
6. cylindrica, Gray.
7. Virginiana, L.
8. Pennsylvanica, L.
9. nemorosa, L.
10. narcissiflora, L.
HEPATICA
11. triloba, Chaix.
12. acutiloba, DC.
THALICTRUM
13. anemonoides, Michx.
14. dioicum, L.
15. Cornuti, L.
16. alpinum, L.
RANUNCULUS
17. aquatilis, L., *vars.* a. divaricatus, Gray *and* b. tricophyllus, Chaix.
18. Purshii, Richards.
19. Flammula, L.
20. reptans, L.
21. pusillus, Poir.
22. Cymbalaria, Pursh.
23. rhomboideus, Goldie.
24. cardiophyllus, Hook.
25. affinis, R. Br.
26. abortivus, L.
b. micranthus.
27. brevicaulis, Hook.
28. sceleratus, L.
29. recurvatus, Poir.
30. Pennsylvanicus, L.
31. fascicularis, Muhl.
32. repens, L.
33. *bulbosus*, L.
34. *acris*, L.
CALTHA
35. palustris, L.
36. natans, Pall.
TROLLIUS
37. Americanus, DC.
COPTIS
38. trifolia, Salisb.
AQUILEGIA
39. Canadensis, L.
40. vulgaris, L.
DELPHINIUM
41. exaltatum, Ait.
HYDRASTIS
42. Canadensis, L.
ACTÆA
43. spicata, L., *vars.* a. rubra, *and* b. alba, Michx.
CIMICIFUGA
44. racemosa, Ell.

MAGNOLIACEÆ.

LIRIODENDRON
45. Tulipifera, L.

MENISPERMACEÆ.

MENISPERMUM
46. Canadense, L.

BERBERIDACEÆ.

CAULOPHYLLUM
47. thalictroides, Michx.
JEFFERSONIA
48. diphylla, Pers.
PODOPHYLLUM
49. peltatum, L.

CABOMBACEÆ.

BRASENIA
50. peltata, Pursh.

NYMPHÆACEÆ.

NYMPHÆA
51. odorata, Ait.
NUPHAR
52. advena, Ait.
53. Kalmiana, Pursh.

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SARRACENIACEÆ.

SARRACENIA
54. purpurea, L.

PAPAVERACEÆ.

PAPAVER
55. nudicaule, L.
56. *somniferum*, L.
57. *Rhœas*, L.
CHELIDONIUM
58. *majus*, L.
SANGUINARIA
59. Canadensis, L.

FUMARIACEÆ.

ADLUMIA
60. cirrhosa, Raf.
DICENTRA
61. Cucullaria, DC.
62. Canadensis, DC.
CORYDALIS
63. aurea, Willd.
64. glauca, Pursh.
FUMARIA
65. *officinalis*, L.

BRASSICACEÆ.

NASTURTIUM
66. *officinale*, R. Br.
67. *sylvestre*, R. Br.
68. palustre, DC.
69. lacustre, Gray.
70. *Armoracia*, Fries.
IODANTHUS
71. hesperidoides, Torr. & Gray.
DENTARIA
72. diphylla, L.
73. maxima, Nutt.
74. laciniata, Muhl.
CARDAMINE
75. rhomboidea, DC.
b. purpurea, Torr.
76. rotundifolia, Michx.
77. pratensis, L.
78. hirsuta, L.
b. Virginica, Gray.
ARABIS
79. lyrata, L.
80. patens, Sulliv.
81. hirsuta, Scop.
82. lævigata, DC.
83. Canadensis, L.
84. petræa, Lam.
TURRITIS
85. glabra, L.
86. stricta, Graham.
87. brachycarpa, Torr. and Gray.
88. patula, Graham.
89. retrofracta, Hook.
BARBAREA
90. vulgaris, R. Br.
91. præcox, R. Br.
ERYSIMUM
92. cheiranthoides, L.
93. lanceolatum, R. Br.
SISYMBRIUM
94. *parviflorum*, Lam.
95. *officinale*, Scop.
96. canescens, Nutt.
SINAPIS
97. *arvensis*, L.
98. *nigra*, L.
DRABA
99. arabisans, Michx.
100. incana, L.
101. Caroliniana, Walt.
102. verna, L.
VESICARIA
103. arctica, Torr. and Gray.
CAMELINA
104. *sativa*, Crantz.
COCHLEARIA
105. tridactylitis, DC.
LEPIDIUM
106. Virginicum, L.
107. intermedium, Gray.
THLASPI
108. arvense, L.
109. alpestre, L.
110. montanum, L.
CAPSELLA
111. *Bursa-pastoris*, Mœnch.
CAKILE
112. Americana, Nutt.

CAPPARIDACEÆ.

POLANISIA
113. graveolens, Raf.

VIOLACEÆ.

VIOLA
114. rotundifolia, Michx.
115. lanceolata, L.
116. primulæfolia, L.
117. blanda, Willd.
118. palustris, L.
119. Selkirkii, Goldie.
120. cucullata, Ait.
b. palmata, Gray.
121. villosa, Walt., Nutt.
122. sagittata, Ait.

VIOLA
123. pedata, L.
124. rostrata, Pursh.
125. Muhlenbergii, Torr.
126. striata, Ait.
127. Canadensis, L.
128. pubescens, Ait.
b. eriocarpa, Nutt.
129. hastata, Michx.
130. *tricolor*, L.

CISTACEÆ.

HELIANTHEMUM
131. Canadense, Michx.
132. corymbosum, Michx.
HUDSONIA
133. tomentosa, Nutt.
LECHEA
134. major, Michx.
135. minor, Lam.

DROSERACEÆ.

DROSERA
136. rotundifolia, L.
137. longifolia, L.
138. linearis, Goldie.

PARNASSIACEÆ.

PARNASSIA
139. palustris, L.
140. Caroliniana, Michx.
141. parviflora, DC.

HYPERICACEÆ.

HYPERICUM
142. pyramidatum, Ait.
143. Kalmianum, L.
144. *perforatum*, L.
145. corymbosum, Muhl.
146. ellipticum, Hook.
147. sphærocarpon, Michx.
148. mutilum, L.
149. Canadense, L.
150. Sarothra, Michx.
ELODEA
151. Virginica, Nutt.

CARYOPHYLLACEÆ.

SAPONARIA
152. *officinalis*, L.
SILENE
153. stellata, Ait.
154. *inflata*, Smith.
SILENE
155. Virginica, L.
156. regia, Sims.
157. Antirrhina, L.
158. *noctiflora*, L.
159. acaulis, L.
AGROSTEMMA
160. *Githago*, L.
HONKENYA
161. peploides, Ehrhart.
ALSINE
162. Michauxii, Fenzl.
163. Grœnlandica, Fenzl.
ARENARIA
164. *serpyllifolia*, L.
165. stricta, Michx.
166. arctica, Steven.
MŒHRINGIA
167. lateriflora, Fenzl.
STELLARIA
168. *media*, Smith.
169. longifolia, Muhl.
170. longipes, Goldie.
171. uliginosa, Murr.
172. crassifolia, Ehrhart.
173. borealis, Bigelow.
CERASTIUM
174. *vulgatum*, L.
175. *viscosum*, L.
176. nutans, Raf.
177. oblongifolium, Torr.
178. arvense, L.
SAGINA
179. procumbens, L.
180. nodosa, Fenzl.
SPERGULARIA
181. rubra, Pers.
b. marina, Gray.
SPERGULA
182. *arvensis*, L.
ANYCHIA
183. dichotoma, Michx.
MOLLUGO
184. verticillata, L.

PORTULACACEÆ.

PORTULACA
185. *oleracea*, L.
CLAYTONIA
186. Virginica, L.
187. Caroliniana, Michx.

MALVACEÆ.

MALVA
188. *rotundifolia*, L.
189. *sylvestris*, L.

HIBISCUS
190. Moscheutos, L.

TILIACEÆ.

TILIA
191. Americana, L.
b. pubescens, Gray.

LINACEÆ.

LINUM
192. Virginianum, L.
193. perenne, L.

OXALIDACEÆ.

OXALIS
194. Acetosella, L.
195. stricta, L.
196. corniculata, L.

GERANIACEÆ.

GERANIUM
197. maculatum, L.
198. Carolinianum, L.
199. Robertianum, L.

BALSAMINACEÆ.

IMPATIENS
200. pallida, Nutt.
201. fulva, Nutt.

LIMNANTHACEÆ.

FLŒRKEA
202. proserpinacoides, Willd.

RUTACEÆ.

ZANTHOXYLUM
203. Americanum, Mill.

ANACARDIACEÆ.

RHUS
204. typhina, L.
205. glabra, L.
206. copallina, L.
207. venenata, DC.
208. Toxicodendron, L.
209. aromatica, Ait.

VITACEÆ.

VITIS
210. Labrusca, L.
211. æstivalis, Michx.
212. cordifolia, Michx.
b. riparia, Gray.
AMPELOPSIS
213. quinquefolia, Michx.

RHAMNACEÆ.

RHAMNUS
214. alnifolius, L'Her.
CEANOTHUS
215. Americanus, L.
216. ovalis, Bigelow.

CELASTRACEÆ.

CELASTRUS
217. scandens, L.
EUONYMUS
218. atropurpureus, Jacq.
219. Americanus, L.
220. obovatus, Nutt.

SAPINDACEÆ.

STAPHYLEA
221. trifolia, L.
ACER
222. Pennsylvanicum, L.
223. spicatum, Lam,
224. saccharinum, Wang.
b. nigrum, Gray.
225. dasycarpum, Ehrhart.
226. rubrum, L.
NEGUNDO
227. aceroides, Mœnch.

POLYGALACÆ.

POLYGALA
228. fastigiata, Nutt.
229. Nuttallii, Torr. & Gray.
230. verticillata, L.
231. Senega, L.
b. latifolia, Torr. & Gray.
232. polygama, Walt.
233. paucifolia, Willd.

FABACEÆ.

LUPINUS
234. perennis, L.

TRIFOLIUM
235. *arvense*, L.
236. *pratense*, L.
237. repens, L.
238. agrarium, L.
239. minus, Relh.
240. procumbens, L.
MELILOTUS
241. *officinalis*, Willd.
242. *alba*, Lam.
243. *lupulina*, L.
ROBINIA
244. *Pseudacacia*, L.
245. *viscosa*, Vent.
ASTRAGALUS
246. Canadensis, L.
247. Labradoricus, DC.
248. alpinus, L.
249. Cooperi, Gray.
OXYTROPIS
250. Lambertii, Pursh.
HEDYSARUM
251. boreale, Nutt.
DESMODIUM
252. nudiflorum, DC.
253. acuminatum, DC.
254. pauciflorum, DC.
255. cuspidatum, Torr. & Gray.
256. Dillenii, Darlingt.
257. paniculatum, DC.
258. Canadense, DC.
LESPEDEZA
259. repens, Torr. & Gray.
260. violacea, Pers.
261. hirta, Ell.
262. capitata, Michx
VICIA
263. *sativa*, L.
264. *tetrasperma*, L.
265. *hirsuta*, Koch.
266. Cracca, L.
267. Caroliniana, Walt.
268. Americana, Muhl.
LATHYRUS
269. maritimus, Bigelow.
270. venosus, Muhl.
271. ochroleucus, Hook,
272. palustris, L.
273. myrtifolius, Muhl.
PHASEOLUS
274. perennis, Walt.
275. diversifolius, Pers
276. helvolus, L.
APIOS
277. tuberosa, Mœnch.
AMPHICARPÆA
278. monoica, Nutt.
BAPTISIA
279. tinctoria, R. Br.
BAPTISIA
280. leucantha, Torr. & Gray.
281. alba, R. Br.
GYMNOCLADUS
282. *Canadensis*, Lam.
GLEDITSCHIA
283. *triacanthos*, L.

ROSACEÆ.

PRUNUS
284. Americana, Marsh.
285. pumila, L.
286. Pennsylvanica, L.
287. Virginiana, L.
288. serotina, Ehrhart.
SPIRÆA
289. opulifolia, L.
290. salicifolia, L.
291. tomentosa, L.
GILLENIA
292. trifoliata, Mœnch.
AGRIMONIA
293. Eupatoria, L.
294. parviflora, Ait.
SANGUISORBA
295. Canadensis, L.
SIBBALDIA
296. procumbens, L.
DRYAS
297. Drummondii, Hook.
298. octopetala, L.
GEUM
299. album, Gmelin.
300. macrophyllum, Willd
301 Virginianum, L.
302. strictum, Ait.
303. rivale, L.
304. triflorum, Pursh.
305. geniculatum, Michx.
WALDSTEINIA
306. fragarioides, Tratt.
POTENTILLA
307. Norvegica, L.
308. Canadensis, L.
309. argentea, L.
310. Pennsylvanica, L.
311. arguta, Pursh.
312. Anserina, L.
313. fruticosa, L.
314. tridentata, Ait.
315. palustris, Scop.
FRAGARIA
316. Virginiana, Ehrhart.
317. vesca, L.
DALIBARDA
318. repens, L.
RUBUS
319. odoratus, L.
320. Nutkanus, Moçino.

RUBUS
321. Chamæmorus, L.
322. triflorus, Richards.
323. strigosus, Michx.
324. occidentalis, L.
325. villosus, Ait.
326. Canadensis, L.
327. hispidus, L.
328. arcticus, L.

ROSA
329. Carolina, L.
330. lucida, Ehrhart.
331. blanda, Ait.
332. rubiginosa, L.
333. micrantha, Smith.
334. stricta, Lindl.

CRATÆGUS
335. coccinea, L.
336. tomentosa, L.
b. pyrifolia, Gray.
c. punctata, Gray.
337. Crus-Galli, L.

PYRUS
338. coronaria, S.
339. arbutifolia, L.
340. Americana, DC.

AMELANCHIER
341. Canadensis, Torr. & Gray, *vars.* a. Botryapium, b. rotundifolia, c. oblongifolia, *and* d. oligocarpa of Gray.

MELASTOMACEÆ.

RHEXIA
342. Virginica, L.

LYTHRACEÆ.

LYTHRUM
343. alatum, Pursh.
344. Salicaria, L.

NESÆA
345. verticillata, H.B.K.

ONAGRACEÆ.

EPILOBIUM
346. angustifolium, L.
347. alpinum, L.
b. majus, Gray.
348. palustre, L.
b. lineare, Gray.
349. molle, Torr.
350. tetragonum, L.
351. coloratum, Muhl.

ŒNOTHERA
352. biennis, L., *vars.* a. muricata, b. parvifolia *and* c. cruciata of Torr. & Gray.
353. glauca, Michx.
354. chrysantha, Michx.
355. pumila, L.

GAURA
356. biennis, L.

LUDWIGIA
357. alternifolia, L.
358. palustris, Ell.

CIRCÆA
359. Lutetiana, L.
360. alpina, L.

PROSPERPINACA
361. palustris L.

MYRIOPHYLLUM
362. spicatum, L.
363. verticillatum, L,
364. heterophyllum, Michx.
365. tenellum, Bigelow.

HIPPURIS
366. vulgaris, L.

GROSSULACEÆ.

RIBES
367. Cynosbati, L.
368. hirtellum, Michx.
369. rotundifolium, Michx.
370. lacustre, Poir.
371. prostratum, L'Her.
372. oxycanthoides, L.
373. floridum, L.
374. rubrum, L.

CUCURBITACEÆ.

SICYOS
375. angulatus, L.

ECHINOCYSTIS
376. lobata, Torr. & Gray.

CRASSULACEÆ.

SEDUM
377. ternatum, Gray.
378. Rhodiola, DC.

PENTHORUM
379. sedoides, L.

SAXIFRAGACEÆ.

SAXIFRAGA
380. oppositifolia, L.
381. stellaris, L.
382. rivularis, L.

SAXIFRAGA
383. aizoides, L.
384. tricuspidata, Retz.
385. nivalis, L.
386. Aizoon, Jacq.
387. Virginiensis, Michx.
388. Pennsylvanica, L.
389. Grœnlandica, H. B. K.
HEUCHERA
390. Americana, L.
MITELLA
391. diphylla, L.
392. nuda, L.
TIARELLA
393. cordifolia, L.
CHRYSOSPLENIUM
394. Americanum, Schwein.

HAMAMELACEÆ.

HAMAMELIS
395. Virginica, L.

APIACEÆ.

HYDROCOTYLE
396. Americana, L.
SANICULA
397. Canadensis, L.
398. Marilandica, L.
DAUCUS
399. *Carota*, L.
HERACLEUM
400. lanatum, Michx.
PASTINACA
401. *sativa*, L.
ANGELICA
402. lucida, L.
ARCHANGELICA
403. atropurpurea, Hoffm.
404. peregrina, Nutt.
CONIOSELINUM
405. Canadense, Torr. & Gray.
LIGUSTICUM
406. Scoticum, L.
407. actæifolium, Michx.
THASPIUM
408. barbinode, Nutt.
409. aureum, Nutt.
b. apterum, Nutt.
410. trifoliatum, Gray.
b. atropurpureum, T. & G.
c. apterum, Gray.
ZIZIA
411. integerrima, DC.
CICUTA
412. maculata, L.
413. bulbifera, L.
SIUM
414. lineare, Michx.
415. latifolium, L.
CRYPTOTÆNIA
416. Canadensis, DC.
OSMORRHIZA
417. longistylis, DC.
418. brevistylis, DC.
CONIUM
419. *maculatum*, L.
ERIGENIA
420. bulbosa, Nutt.

ARALIACEÆ.

ARALIA
421. racemosa, L.
422. hispida, Michx.
423. nudicaulis, L.
424. quinquefolia, Gray.
425. trifolia, Gray.

CORNACEÆ.

CORNUS
426. Canadensis, L.
427. florida, L.
428. circinata, L'Her.
429. sericea, L.
430. stolonifera, Michx.
431. Suecica, L.
432. paniculata, L'Her.
433. alternifolia, L.

CAPRIFOLIACEÆ.

LINNÆA
434. borealis, Gronov.
SYMPHORICARPUS
435. occidentalis, R. Br.
436. racemosus, Michx.
437. vulgaris, Michx.
LONICERA
438. parviflora, Lam.
439. hirsuta, Eaton.
440. involucrata, H.B.K.
441. ciliata, Muhl.
442. cærulea, L.
443. oblongifolia, Muhl.
DIERVILLA
444. trifida, Mœnch.
TRIOSTEUM
445. perfoliatum, L.
SAMBUCUS
446. Canadensis, L.
447. pubens, Michx.
VIBURNUM
448. nudum, L,
449. prunifolium, L.

VIBURNUM
450. Lentago, L.
451. dentatum, L.
452. pubescens, Pursh.
453. acerifolium, L.
454. pauciflorum, Pylaie.
455. Opulus, L.
456. lantanoides, Michx.

RUBIACEÆ.

GALIUM
457. Aparine, L.
458. asprellum, L.
459. concinnum, Torr. & Gray.
460. trifidum, L.
461. triflorum, Michx.
462. circæzans, Michx.
463. lanceolatum, Torr.
464. boreale, L.
CEPHALANTHUS
465. occidentalis, L.
MITCHELLA
466. repens, L.
OLDENLANDIA
467. purpurea, Gray,
b. lonigfolia, Gray.
c. ciliolata, Gray.
468. cærulea, Gray.

VALERIANACEÆ.

VALERIANA
469. sylvatica, Richards.
470. edulis, Nutt.

DIPSACEÆ.

DIPSACUS
471. *sylvestris*, Mill.

ASTERACEÆ.

VERNONIA
472. Noveboracensis, Willd.
LIATRIS
473. squarrosa, Willd.
474. cylindracea, Michx.
475. scariosa, Willd.
476. spicata, Willd.
EUPATORIUM
477. purpureum, L.
478. rotundifolium, L.
479. perfoliatum, L.
480. ageratoides, L.
NARDOSMIA
481. palmata, Hook.
482. sagittata, Hook.
483. frigida, Hook.
TUSSILAGO
484. *Farfara*, L.
ADENOCAULON
485. bicolor, Hook.
SERICOCARPUS
486. solidagineus, Nees.
ASTER
487. corymbosus, Ait.
488. macrophyllus, L.
489. Radula, Ait.
490. patens, Ait.
491. lævis, L.
492. lævigatus, Willd.
493. cyaneus, Hoffm.
494. azureus, Lindl.
495. undulatus, L.
496. cordifolius, L.
497. sagittifolius, Willd.
498. ericoides, L.
499. multiflorus, Ait.
500. dumosus, L.
501. Tradescanti, L.
502. miser, L., Ait.
503. Lamarckianus, Nees.
504. simplex, Willd.
505. tenuifolius, L.
506. carneus, Nees.
507. æstivus, Ait.
508. borealis, Provencher.
509. Novi-Belgii, L.
510. longifolius, Lam.
511. puniceus, L.
512. prenanthoides, Muhl.
513. oblongifolius, Nutt.
514. Novæ-Angliæ, L.
515. graminifolius, Pursh.
516. acuminatus, Michx.
517. nemoralis, Ait.
518. ptarmicoides, Torr. & Gr.
ERIGERON
519. Canadense, L.
520. bellidifolium, Muhl.
521. Philadelphicum, L.
522. glabellum, Nutt.
523. annuum, Pers.
524. strigosum, Muhl.
DIPLOPAPPUS
525. linariifolius, Hook.
526. umbellatus, Torr. & Gr.
527. cornifolius, Darl.
BOLTONIA
528. glastifolia, L'Her.
SOLIDAGO
529. squarrosa, Muhl.
530. bicolor, L.
531. latifolia, L.
532. cæsia, L.

SOLIDAGO
533. puberula, Nutt.
534. stricta, Ait.
535. speciosa, Nutt.
536. Virga-aurea, L.
b. alpina, Bigel.
537. humilis, Pursh.
538. thyrsoidea, E. Meyer.
539. rigida, L.
540. sempervirens, L.
541. neglecta, Torr. & Gr.
542. patula, Muhl.
543. arguta, Ait.
544 Muhlenbergii, Torr. & Gr.
545. altissima, L.
546. odora, Ait.
547. nemoralis, Ait.
548. Canadensis, L.
549. serotina, Ait.
550. gigantea, Ait.
551. lanceolata, L.
552. tenuifolia, Pursh.
INULA
553. *Helenium*, L.
POLYMNIA
554. Canadensis, L.
AMBROSIA
555. trifida, L.
556. artemisiæfolia, L.
XANTHIUM
557. strumarium, L.
b. echinatum, Gray
RUDBECKIA
558. laciniata, L.
559. subtomentosa, Pursh.
560. fulgida, Ait.
561. hirta, L.
HELIANTHUS
562. microcephalus, Torr. & Gr.
563. giganteus, L.
564. strumosus, L.
565. divaricatus, L.
566. tracheliifolius, Willd.
567. decapetalus, L.
COREOPSIS
568. verticillata, L.
569. lanceolata, L.
BIDENS
570. frondosa, L.
571. connata, Muhl.
572. cernua, L.
573. chrysanthemoides, Michx.
574. Beckii, Torr.
HELENIUM
575. autumnale, L.
MARUTA
576. *Cotula*, DC.
ACHILLEA
577. Millefolium, L.
LEUCANTHEMUM
578. *vulgare*, Lam.
MATRICARIA
579. inodora, L.
TANACETUM
580. *vulgare*, L.
581. Huronense, Nutt.
ARTEMISIA
582. borealis, Pallas.
583. Canadensis, Michx.
584. Ludoviciana, Nutt.
585. vulgaris, L.
586. biennis, Willd.
GNAPHALIUM
587. decurrens, Ives.
588. polycephalum, Michx.
589. uliginosum, L.
ANTENNARIA
590. margaritacea, R. Br.
591. plantaginifolia, Hook.
592. carpathica, R. Br.
ERECHTHITES
593. hieracifolia, Raf.
CACALIA
594. suaveolens, L.
595. atriplicifolia, L.
SENECIO
596. *vulgaris*, L.
597. aureus, L.
598. tomentosus, Michx.
599. canus, Hook.
600. pseudo-arnica, L.
ARNICA
601. mollis, Hook.
CENTAUREA
602. *Cyanus*, L.
CNICUS
603. *benedictus*, L.
CIRSIUM
604. *lanceolatum*, Scop.
605. Pitcheri, Torr. & Gr.
606. undulatum, Spreng.
607. discolor, Spreng.
608. muticum, Michx.
609. horridulum, Michx.
610. *arvense*, Scop.
ONOPORDON
611. *acanthium*, L.
LAPPA
612. *major*, Gærtn.
CICHORIUM
613. *Intybus*, L.
KRIGIA
614. Virginica, Willd.
CYNTHIA
615. Virginica, Don.
LEONTODON
616. *autumnale*, L.

HIERACIUM
617. Canadense, Michx.
618. *Pilosella*, L.
619. vulgatum, Fries.
620. scabrum, Michx.
621. longipilum, Torr.
622. Gronovii, L.
623. venosum, L.
624. paniculatum, L.
NABALUS
625. albus, Hook.
626. altissimus, Hook.
627. Fraseri, DC.
628. nanus, DC.
629. racemosus, Hook.
CREPIS
630. runcinatus, Torr. & Gray.
TARAXACUM
631. Dens-leonis, Desf.
LACTUCA
632. elongata, Muhl.
MULGEDIUM
633. pulchellum, Nutt.
634. Floridanum, DC.
635. leucophæum, DC.
SONCHUS
636. *oleraceus*, L.
637. *asper*, Vill.
638. *arvensis*, L.

LOBELIACEÆ.

LOBELIA
639. cardinalis, L.
640. syphilitica, L.
641. puberula, Michx.
642. inflata, L.
643. spicata, Lam.
644. Nuttallii, Roem. & Sch.
645. Kalmii, L.
646. Dortmanna, L.

CAMPANULACEÆ.

CAMPANULA
647. rotundifolia, L.
b. linifolia, Gray.
648. aparinoides, Pursh.
649. Americana, L.
SPECULARIA
650. perfoliata, DC.

ERICACEÆ.

GAYLUSSACIA
651. resinosa, Torr. & Gr.
VACCINIUM
652. Oxycoccus, L.
653. macrocarpon, Ait.
VACCINIUM
654. Vitis-Idæa, L.
655. cæspitosum, Michx.
656. uliginosum, L.
657. Pennsylvanicum, L.
658. Canadense, Kalm.
659. vaccilans, Solander.
660. corymbosum, L.
b. amœnum, Gray.
c. atrocarpum, Gray.
CHIOGENES
661. hispidula, Torr. & Gr.
ARCTOSTAPHYLOS
662. Uva-ursi, Spreng.
663. alpina, Spreng.
EPIGÆA
664. repens, L.
GAULTHERIA
665. procumbens, L.
666. racemosa, Gray.
CASSANDRA
667. calyculata, Don.
CASSIOPE
668. hypnoides, Don.
ANDROMEDA
669. polifolia, L.
670. tetragona, L.
671. ligustrina, Muhl.
KALMIA
672. latifolia, L.
673. angustifolia, L.
674. glauca, Ait.
AZALEA
675. viscosa, L.
RHODODENDRON
676. Lapponicum, Wahl.
RHODORA
677. Canadensis, L.
LEDUM
678. latifolium, Ait.
LOISELEURIA
679. palustre, L.
680. procumbens, Desv.
PYROLA
681. rotundifolia, L.
682. elliptica, Nutt.
683. chlorantha, Swartz.
684. secunda, L.
685. minor, L.
MONESES
686. uniflora, Gray.
CHIMAPHILLA
687. umbellata, Nutt.
688. maculata, Pursh.
PTEROSPORA
689. Andromedea, Nutt.
MONOTROPA
690. uniflora, L.
691. Hypopitys, L.

AQUIFOLIACEÆ.

ILEX
692. verticillata, Gray.
693. lævigata, Gray.
NEMOPANTHES
694. Canadensis, DC.

PLANTAGINACEÆ.

PLANTAGO
695. *major*, L.
696. cordata, Lam.
697. maritima, L.
698. *lanceolata*, L.
699. *media*, L.
700. Virginica, L.

PLUMBAGINACEÆ.

ARMERIA
701. vulgaris, Wild.

PRIMULACEÆ.

PRIMULA
702. farinosa, L.
703. Mistassinica, Michx.
ANDROSACE
704. occidentalis, Pursh.
TRIENTALIS
705. Americana, Pursh.
LYSIMACHIA
706. stricta, Ait.
707. quadrifolia, Ait.
708. ciliata, L.
709. lanceolata, Walt.
710. longifolia, Pursh.
NAUMBURGIA
711. thyrsiflora, Reichenb.
GLAUX
712. maritima, L.
SAMOLUS
713. Valerandi, L., *var.*
a. Americanus, Gray.

LENTIBULACEÆ.

UTRICULARIA
714. vulgaris, L.
715. minor, L.
716. intermedia, Hayne.
717. gibba, L.
718. subulata, L.
719. cornuta, Michx.
PINGUICULA
720. vulgaris, L.

OROBANCHACEÆ.

EPIPHEGUS
721. Virginiana, Bart.
CONOPHOLIS
722. Americana, Wallr.
APHYLLON
723. uniflorum, Torr. & Gr.
724. fasciculatum, Torr. & Gr.

SCROPHULARICEÆ.

VERBASCUM
725. *Thapsus*, L.
726. *Blattaria*, L.
727. *Lychnitis*, L.
LINARIA
728. Canadensis, Spreng.
729. *vulgaris*, Mill,
730. *Elatine*, Mill.
SCROPHULARIA
731. nodosa, L.
CHELONE.
732. glabra, L.
PENTSTEMON
733. pubescens, Solander.
MIMULUS
734. ringens, L.
b. alba, Lawson.
735. Jamesii, Torr.
GRATIOLA
736. Virginiana, L.
737. aurea, Muhl.
ILYSANTHES
738. gratioloides, Benth.
LIMOSELLA
739. aquatica, L., *var.* a tenuifolia, Gray.
VERONICA
740. Virginica, L.
741. Anagallis, L.
742. Americana, Schwein.
743. scutellata, L.
b. tomentosa, Mac.
744. officinalis, L.
745. serpyllifolia, L
746. peregrina, L.
747. arvensis, L.
748. *agrestis*, L.
749. *Buxbaumii*, Tenore.
750. *hederæfolia*, L.
GERARDIA
751. purpurea, L.
752. tenuifolia, Vahl.
753. flava, L.
754. quercifolia, Pursh.
755. integrifolia, Gray.
756. pedicularia, L.

CASTILLEIA
757. coccinea, Spreng.
758. septentrionalis, Lindl.
EUPHRASIA
759. officinalis, L.
RHINANTHUS
760. Crista-galli, L.
PEDICULARIS
761. Canadensis, L.
762. lanceolata, Michx.
MELAMPYRUM
763. Americanum, Michx.
764. *pratense*, L.

ACANTHACEÆ.

DIANTHERA
765. Americana, L.

VERBENACEÆ.

VERBENA
766. angustifolia, L.
767. *hastata*, L.
768. *urticifolia*, L.
PHRYMA
769. Leptostachya, L.

LAMIACEÆ.

TEUCRIUM
770. Canadense, L.
ISANTHUS
771. cæruleus, Michx.
MENTHA
772. *viridis*, L.
773. *piperita*, L.
774. Canadensis, L.
LYCOPUS
775. Virginicus, L.
776. Europæus, L.
b. sinuatus, Gray.
CUNILA.
777. Mariana, L.
PYCNANTHEMUM
778. incanum, Michx.
779. lanceolatum, Pursh.
780. montanum, Michx.
CALAMINTHA
781. glabella, Benth., *var.* a. Nuttallii, Gray.
782. *Clinopodium*, Benth.
HEDEOMA
783. pulegioides, Pers.
784. hispida, Pursh.
COLLINSONIA
785. Canadensis, L.
MONARDA
786. didyma, L.
787. fistulosa, L.
788. punctata, L.
LOPHANTHUS
789. nepetoides, Benth.
790. scrophulariæfolius, Benth.
NEPETA
791. Cataria, L.
DRACOCEPHALUM
792. parviflorum, Nutt.
PHYSOSTEGIA
793. Virginiana, Benth.
PRUNELLA
794. vulgaris, L.
SCUTELLARIA
795. integrifolia, L.
796. nervosa, Pursh.
797. parvula, Michx.
798. galericulata, L.
799. lateriflora, L.
MARRUBIUM
800. *vulgare*, L.
GALEOPSIS
801. *Tetrahit*, L.
802. *Ladanum*, L.
STACHYS
803. palustris, L.
b. aspera, Gray.
804. sylvatica, L.
LEONURUS
805. *Cardiaca*, L.
LAMIUM
806. *amplexicaule*, L.

BORRAGINACEÆ.

ECHIUM
807. *vulgare*, L.
LYCOPSIS
808. *arvensis*, L.
SYMPHYTUM
809. *officinale*, L.
ONOSMODIUM
810. Virginianum, DC.
811. Carolinianum, DC.
LITHOSPERMUM
812. *arvense*, L.
813. *officinale*, L.
814. latifolium, Michx.
815. hirtum, Lechm.
816. canescens, Lechm.
817. angustifolium, Michx.
MERTENSIA
818. Virginica, DC.
819. maritima, Don.
820. pilosa, DC.
821. paniculata, Don.

MYOSOTIS
822. palustris, With.
b. laxa.
823. arvensis, L.
824. verna, Nutt.
ECHINOSPERMUM
825. *Lappula*, Lehm.
CYNOGLOSSUM
826. *officinale*, L.
827. Virginicum, L.
828. Morisoni, DC.

HYDROPHYLLACEÆ.

HYDROPHYLLUM
829. Virginicum, L.
830. Canadense, L.
831. appendiculatum, Michx.
PHACELIA
832. Franklinii, Gray.

POLEMONIACEÆ.

POLEMONIUM
833. cæruleum, L.
PHLOX
834. divaricata, L.
835. subulata, L.
DIAPENSIA
836. Lapponica, L.

CONVOLVULACEÆ.

CONVOLVULUS
837. *arvensis*, L.
CALYSTEGIA
838. sepium, R. Br.
839. spithamea, Pursh.
CUSCUTA
840. umbrosa, Beyrich.
841. Gronovii, Willd.

SOLANACEÆ.

SOLANUM
842. *Dulcamara*, L.
843. nigrum, L.
PHYSALIS
844. viscosa, L.
845. *physaloides*, Gærtn.
HYOSCYAMUS.
846. *niger*, L.
DATURA.
847. *Stramonium*, L.

GENTIANACEÆ.

SABBATIA
848. angularis, Pursh.
FRASERA
849. Carolinensis, Walt.
HALENIA
850. deflexa, Griseb.
GENTIANA
851. quinqueflora, Lam.
852. crinita, Frœl.
853. detonsa, Fries.
854. alba, Muhl.
855. Andrewsii, Griseb.
856. Saponaria, L.
b. linearis Gray.
857. acuta, Michx.
MENYANTHES
858. trifoliata, L.
LIMNANTHEMUM
859. lacunosum, Griseb.

APOCYNACEÆ.

APOCYNUM
860. androsæmifolium, L.
861. cannabinum, L.
b. glaberrimum, DC.
c. pubescens, DC.
d. hypericifolium, Gray.

ASCLEPIADACEÆ.

ASCLEPIAS
862. Cornuti, Decaisne.
863. phytolaccoides, Pursh.
864. purpurascens, L.
865. variegata, L.
866. quadrifolia, Jacq.
867. obtusifolia, Michx.
868. incarnata, L.
869. tuberosa, L.
ACERATES
870. viridiflora, Ell.

OLEACEÆ.

FRAXINUS
871. Americana, L.
872. pubescens, Lam.
873. sambucifolia, Lam.

ARISTOLOCHIACEÆ.

ASARUM
874. Canadense, L.

PHYTOLACCACEÆ.

PHYTOLACCA
875. decandra, L.

CHENOPODIACEÆ.

CHENOPODIUM
876. *hybridum*, L.
877. *urbicum*, L.
878. *album*, L.
879. *ambrosioides*, L.
880. *maculatum*, L.
BLITUM
881. capitatum, L.
ATRIPLEX
882. hastata, L.
SALICORNIA
883. herbacea, L.
CHENOPODINA
884. maritidma, Moquin.
SALSOLA
885. Kali, L.
CORISPERMUM
886. hyssopifolium, L.

AMARANTACEÆ,

AMARANTHUS
887. *paniculatus*, L.
888. *hybridus*, L.
889. *retroflexus*, L.
890. *albus*, L.
MONTELIA
891. tamariscina, Gray.
892. cannabina, L.

POLYGONACEÆ.

POLYGONUM
893. viviparum, L.
894. amphibium, L.
895. nodosum, Pers., *var.*
a. incarnatum, Gray.
896. Pennsylvanicum, L.
897. *Persicaria*, L.
898. *Hydropiper*, L.
899. acre, H.B.K.
900. hydropiperoides, Michx.
901. aviculare, M.
b. erectum, Roth.
902. ramosissimum, Michx.
903. tenue, Michx.
904. articulatum, L.
905. Virginianum, L.
906. arifolium, L.
907. sagittatum, L.
908. *Convolvulus*, L.
909. cilinode, Michx.
910. dumetorum, L.
FAGOPYRUM
911. *esculentum*, Mœnch.
OXYRIA
912. digyna, Campd.
RUMEX
913. verticillatus, L.
914. altissimus, Wood.
915. salicifolius, Weinmann.
916. aquaticus, Smith.
917. *obtusifolius*, L.
918. *crispus*, L.
919. *conglomeratus*, Murray.
920. *sanguineus*, L.
921. maritimus, L.
922. *acetosa*, L.
923. *acetosella*, L.

LAURACEÆ.

SASSAFRAS
924. officinale, Nees.
BENZOIN.
925. odoriferum, Nees.

THYMELEACEÆ.

DIRCA
926. palustris, L.

ELÆAGNACEÆ.

SHEPHERDIA
927. Canadensis, Nutt.
928. angustifolia, L.

ELÆGANUS.
929. argentea, Pursh.

SANTALACEÆ.

COMANDRA
930. umbellata, Nutt.
931. livida, Richards.

SAURURACEÆ.

SAURURUS
932. cernuus, L.

CERATOPHYLLACEÆ.

CERATOPHYLLUM
933. demersum, L.

CALLITRICHACEÆ.

CALLITRICHE
934. verna, L.
b. platycarpa, Gray.
935. autumnalis, L.
b linearis Gray.

EUPHORBIACEÆ.

EUPHORBIA
936. polygonifolia, L.
937. Geyeri, Engelm.
938. maculata, L.
939. glyptosperma, Jacq.
940. hypericifolia, L.
941. corollata, L.
942. *Helioscopia*, L.
943. obtusata, Pursh.
944. Darlingtonii, Gray.
945. *Esula*, L.
946. *crestata*, Lindl.
947. *Lathyris*, L.
ACALYPHA
948. Virginica, L.
949 Caroliniana, Walt.

EMPETRACEÆ.

EMPETRUM.
950. nigrum, L.
COREMA
951. Conradii, Torr.

URTICACEÆ,

ULMUS
952. fulva, Michx.
953. Americana, L.
954. racemosa, Thomas.
CELTIS
955. occidentalis, L.
URTICA
956. gracilis, Ait,
957. *dioica*, L.
958. *urens*, L.
959. purpurascens, Nutt.
LAPORTEA
960. Canadensis, Gaudich.
PILEA
961. pumila, Gray.
BŒHMERIA
962. cylindrica, Willd.
963. lateriflora, Muhl.
PARIETARIA
964. Pennsylvanica, Muhl.
CANNABIS
965. *sativa* L.
HUMULUS
966. Lupulus, L.

PLATANACEÆ.

PLATANUS
967. occidentalis, L.

JUGLANDACEÆ.

JUGLANS
968. cinerea, L.
969. nigra, L.
CARYA
970. alba, Nutt.
971. sulcata, Nutt.
972. tomentosa, Nutt.
973. microcarpa, Nutt.
974. glabra, Torr.
975. amara, Nutt.

CORYLACEÆ.

QUERCUS
976. macrocarpa, Michx.
b. oliviæformis, Gray.
977. obtusiloba, Michx.
978. alba, L.
979. Prinus, L.
b. monticola, Michx.
c. discolor, Michx.
980. Castanea, Willd.
981. prinoides, Willd.
982. nigra, L.
983. ilicifolia, Wang.
984. tinctoria, Bartram.
985. coccinea, Wang.
986. rubra, L.
CASTANEA
987. vesca, L.,
b. Americana, Gray.
988. pumila, Michx.
FAGUS.
989. ferruginea, Ait.
CORYLUS
990. Americana, Walt.
991. rostrata, Ait.
CARPINUS
992. Americana, Michx,
OSTRYA
993. Virginica, Willd.

MYRICACEÆ.

MYRICA
994. Gale, L.
995. cerifera, L.
COMPTONIA
996. asplenifolia, Ait.

BETULACEÆ.

BETULA
997. populifolia, Ait.
998. papyracea, Ait,
999. nigra, L.

BETULA.
1000. excelsa, Ait.
1001. lenta, L.
1002. pumila, L.
1003. nana, L.
ALNUS
1004. incana, Willd.
1005. serrulata, L.
1006. viridis, DC.

SALICACEÆ.

SALIX
1007. candida, Willd.
1008. humilis, Marshall.
1009. discolor, Muhl.
1010. eriocephala, Michx.
1011. sericea, Marshall.
1012. petiolaris, Smith.
1013. cordata, Muhl.
1014. angustata, Pursh.
1015. rostrata, Richardson.
1016. *alba*, L.
1017. nigra, Marshall.
1018. lucida, Muhl.
1019. longifolia, Muhl.
1020. pedicellaris, Pursh.
1021. Uva-ursi, Pursh.
1022. repens, L.
1023. herbacea, L.
1024. reticulata, L.
b. vestita, And.
POPULUS
1025. tremuloides, Michx.
1026. grandidentata, Michx.
1027. heterophylla, L.
1028. monilifera, Ait.
1029. angulata, Ait.
1030. balsamifera, L.
1031. candicans, Ait.

PINACEÆ.

PINUS
1032. Banksiana, Lambert.
1033. inops, Ait.
1034. resinosa, Ait.
1035. mitis, Michx.
1036. rigida, Miller.
1037. Tæda, L.
1038. Strobus, L.
ABIES
1039. balsamea, Marshall.
1040. Fraseri, Pursh.
1041. Canadensis, Michx.
1042. nigra, Poir.
1043. alba, Michx.
LARIX
1044. Americana, Michx.
THUJA
1045. occidentalis, L.
CUPRESSUS
1046. thyoides, L.
JUNIPERUS
1047. communis, L.
1047.* Virginiana, L.
TAXUS
1048. baccata, L., *var.* a. Canadensis, Gray.

ARACEÆ.

ARISÆMA
1049. triphyllum, Torr.
PELTANDRA.
1050. Virginica, Raf.
CALLA
1051. palustris, L.
SYMPLOCARPUS
1052. fœtidus, Salish.
ACORUS
1053. Calamus, L.

TYPHACEÆ.

TYPHA
1054. latifolia, L.
1055. angustifolia, L.
SPARGANIUM
1056. eurycarpum, Engelm.
1057. ramosum, Hudson.
1058. simplex, Hudson.
1059. natans L., *var.* a. affine, Fries.
1060. angustifolium, Michx.

LEMNACEÆ.

LEMNA
1061. trisulca, L.
1062. minor, L.
1063. polyrrhiza, L.
1064. gibba, L.

NAIADACEÆ.

NAIAS
1065. flexilis, Rostk.
ZANNICHELLIA
1066. palustris, L.
ZOSTERA
1067. marina, L.
POTAMOGETON
1068. pectinatus, L.
1069. Robbinsii, Oakes.
1070. hybridus, Michx.
1071. diversifolius, Barton

POTAMOGETON
1072. pusillus, L.
1073. paueiflorus, Pursh.
1074. Niagarensis, Tuckerm.
1075. compressus, L.
1076. perfoliatus, L.
1077. prælongus, Wulf
1078. lucens, L.
1079. fluitans, Roth
1080. natans, L.
1081. heterophyllus, Schreber

ALISMACEÆ.

TRIGLOCHIN
1082. palustre, L.
1083. maritimum, L.
SCHEUCHZERIA
1084. palustris, L.
ALISMA
1085. Plantago, L.
a. Americana, Gray.
ECHINODORUS
1086. subulatus, Engelm.
SAGITTARIA
1087. variabilis, Engelm.

HYDROCHARIDACEÆ.

LIMNOBIUM
1088. Spongia, Richard.
ANACHARIS
1089. Canadensis, Planchon.
VALLISNERIA
1090. spiralis, L.

ORCHIDACEÆ.

ORCHIS
1091. spectabilis, L.
GYMNADENIA
1092. tridentata, Lindl.
PLATANTHERA
1093. obtusata, Lindl.
1094. rotundifolia, Lindl.
1095. orbiculata, Lindl.
1096. Hookeri, Lindl.
1097. bracteata, Torr.
1098. hyperborea, Lindl.
1099. dilatata, Lindl.
1100. flava, Gray.
1101. ciliaris, Lindl.
1102. blephariglottis, Lindl.
1103. leucophæa, Nutt.
1104. lacera, Gray.
1105. psychodes, Gray
1106. fimbriata, Lindl.
GOODYERA
1107. repens, R. Br.
GOODYERA
1108. pubescens, R. Br.
1109. decipiens, R. Br.
SPIRANTHES
1110. gracilis, Bigelow.
1111. latifolia, Torr.
1112. cernua, Richard.
1113. graminea, Torr.
LISTERA
1114. cordata, R. Br.
1115. convallarioides, Hook.
ARETHUSA
1116. bulbosa, L.
POGONIA
1117. ophioglossoides, Nutt.
1118. pendula, Lindl.
CALOPOGON
1119. pulchellus, R. Br.
CALYPSO
1120. borealis, Salisb.
MICROSTYLIS
1121. monophyllos, Lindl.
1122. ophioglossoides, Nutt.
LIPARIS
1123. liliifolia, Richard.
1124. Lœselii, Richard.
CORALLORHIZA
1125. innata, R. Br.
1126. multiflora, Nutt.
1127. odontorhiza, Nutt.
1128. Macræi, Gray.
APLECTRUM
1129. hyemale, Nutt.
CYPRIPEDIUM
1130. pubescens, Willd.
1131. parviflorum, Salish.
1132. candidum, Muhl.
1133. spectabile, Swartz.
1134. acaule, Ait.
1135. arietinum, R. Br.

AMARYLLIDACEÆ.

HYPOXIS
1136. erecta, L.

IRIDACEÆ.

IRIS.
1137. versicolor, L.
1138. Virginica, L.
1139. lacustris, Nutt.
SISYRYNCHIUM
1140. Bermudiana, L.

DIOSCOREACEÆ.

DIOSCOREA
1141. villosa, L.

SMILACEÆ.

SMILAX
1142. rotundifolia, L.
1143. glauca, Walt.
1144. hispida, Muhl.
1145. herbacea, L.
TRILLIUM
1146. cernuum, L.
1147. erectum, L.
b. album., Gray.
1148. grandiflorum, Salisb.
1149. nivale, Riddell.
1150. erythrocarpum, Michx.
MEDEOLA
1151. Virginica, L.

LILIACEÆ.

POLYGONATUM
1152. biflorum, Ell.
1153. giganteum, Dietrich.
SMILACINA
1154. racemosa, Desf.
1155. stellata, Desf.
1156. trifolia, Desf.
1157. bifolia, Ker.
CONVALLARIA
1158. *majalis*, L.
CLINTONIA
1159. borealis, Raf.
ALLIUM
1160. tricoccum, Ait.
1161. Schœnoprasum, L.
1162. Canadense, Kalm.
LILIUM
1163. Philadelphicum, L.
1164. Canadense, L.
1165. superbum, L.
ERYTHRONIUM
1166. Americanum, Smith.

MELANTHACEÆ.

UVULARIA
1167. grandiflora, Smith.
1168. perfoliata, L.
1169. sessilifolia, L.
PROSARTES
1170. lanuginosa, Don.
STREPTOPUS
1171. amplexifolius, DC.
1172. roseus, Michx
ZYGADENUS
1173. glaucus, Nutt.
VERATRUM
1174. viride, L.
CHAMÆLIRIUM
1175. luteum, Gray.
TOFIELDIA
1176. glutinosa, Willd.
1177. pubens, Ait.
1178. palustris, Hudson.

JUNCACEÆ.

LUCEOLA
1179. pilosa, Willd.
1180. parviflora, Desv.
a. melanocarpa, E. Meyer.
1181. campestris, DC.
1182. arcuata, Meyer.
1183. spicata, Desvaux.
JUNCUS
1184. effusus, L.
1185. filiformis, L.
1186. Balticus, Willd.
1187. setaceus, Rostk.
1188. scirpoides, Lam.
1189. paradoxus, E. Meyer.
1190. acuminatus, Michx.
1191. articulatus, L.
1192. nodosus, L.
1193. Conradi, Tuckerm.
1194. marginatus, Rostk.
1195. trifidus, L.
1196. tenuis, Willd.
1197. Greenii, Oakes & Tuckerm.
1198. bulbosus, L.
1199. bufonius, L.
1200. fluitans, Michx.

PONTEDERIACEÆ.

PONTEDERIA
1201. cordata, L.
SCHOLLERA
1202. graminea, Willd.

XYRIDACEÆ.

XYRIS
1203. bulbosa, Kunth.

ERIOCAULONACEÆ.

ERIOCAULON
1204. septangulare, Withering.

CYPERACEÆ.

CYPERUS
1205. flavescens, L.
1206. diandrus, Torr.
1207. Nutalii, Torr.
1208. Engelmanni, Steud.
1209. strigosus, L.

CYPERUS.
1210. inflexus, Muhl.
1211. phymatodes, Muhl.
1212. Schweinitzii, Torr.
1213. filiculmis, Vahl.
DULICHIUM
1214. spathaceum, Pers.
ELEOCHARIS
1215. obtusa, Schultes.
1216. olivacea, Torr.
1217. palustris, R. Br.
1218. rostellata, Torr.
1219. intermedia, Schultes.
1220. tenuis, Schultes.
1221. compressa, Sullivant.
1222. acicularis, R. Br.
SCIRPUS
1223. cæspitosus, L.
1224. pungens, Vahl.
1225. Torreyi, Olney.
1226. lacustris, L.
1227. maritimus, L.
1228. sylvaticus, L.
1229. paucifolius, Smith.
1230. Eriophorum, Michx
ERIOPHORUM
1231. alpinum, L.
1232. vaginatum, L.
1233. Virginicum, L.
1234. polystachyon, L.
1235. gracile, Koch.
1236. russeolum, Torr and Gray.
RHYNCHOSPORA
1237. fusca, Rœm. & Schult.
1238. alba, Vahl.
1239. capillacea, Torr.
1240. glomerata, Vahl.
CLADIUM
1241. mariscoides, Torr.
SCLERIA
1242. verticillata, Muhl.
CAREX
1243. gynocrates, Wormsk.
1244. exilis, Dewey.
1245. scirpoidea, Michx.
1246. capitata, L.
1247. pauciflora, Lightf.
1248. polytrichodes, Muhl.
1249. Willdenovii, Schk.
1250. Backii, Boott.
1251. bromoides, Schk.
1252. siccata, Dewey.
1253. Sartwellii, Dewey.
1254. teretiuscula, Good.
b. major, Gray.
1255. decomposita, Muhl.
1256. vulpinoidea, Michx.
1257. Crus-corvi, Shuttleworth.
CAREX
1258. stipata, Muhl.
1259. vulpina, L.
1260. sparganioides, Muhl.
1261. cephalophora, Muhl.
1262. Muhlenbergii, Schk.
1263. rosea, Schk.
b. radiata, Dewey.
1264. retroflexa, Muhl.
1265. chordorhiza, Ehrh.
1266. tenella, Schk.
1267. trisperma, Dewey.
1268. tenuiflora, Wahl.
1269. cahescens, L.
1270. vitilis, Fries.
1271. Deweyana, Schw.
1272 stellulata, Good.
1273. sychocephala, Carey
1274. rigida, Boott.
1275. scoparia, Schk.
1276. lagopodioides, Schk.
1277. adusta, Boott.
1278. festucacea, Schk.
1279. straminea, Schk
1280. Liddoni, Boott.
1281. torta, Boott.
1282. vulgaris, Fries.
1283. aperta, Boott.
1284. stricta, Lam.
1285. aquatilis, Wahl.
1286. lenticularis, Michx.
1287. salina, Wahl
1288. maritima, Vahl.
1289. crinita, Lam.
1290. limosa, L.
1291. irrigua, Smith.
1292. Buxbaumii, Wahl.
1293. Vahlii, Schk.
a. elata, Gray.
1294. atrata, L.
1295. aurea, Nutt.
1296. livida, Willd.
1297. tetanica, Schk.
1298. Crawei, Dewey.
1299. granularis, Muhl.
1300. pallescens, L.
1301. conoidea, Schk.
1302. grisea, Wahl.
1303. formosa, Dewey.
1304. gracillima, Schw.
1305. virescens, Muhl.
1306. triceps, Michx.
1307. plantaginea, Lam.
1308. platyphylla, Carey.
1309. digitalis, Willd.
1310. laxiflora, Lam.
1311. oligocarpa, Schk.
1312. Hitchcockiana, Dewey.

CAREX
1313. eburnea, Boott.
1314. pedunculata, Muhl.
1315. vaginata, Tansch.
1316. umbellata, Schk.
1317. Novæ-Angliæ, Schw.
1318. Pennsylvanica, Lam.
1319. varia, Muhl.
1320. Richardsonii, R. Br.
1321. pubescens, Muhl.
1322. miliacea, Muhl.
1323. scabrata, Schw.
1324. arctata, Boott.
1325. debilis, Michx.
1326. capillaris, L.
1327. flexilis, Rudge.
1328. flava, L.
1329. Œderi, Ehrh.
1330. filiformis, L.
1331. lanuginosa, Michx
1332. vestita, Willd.
1333. Houghtonii, Torr.
1334. striata, Michx.
1335. lacustris, Willd.
1336. aristata, R. Br.
1337. trichocarpa, Muhl.
1338. comosa, Boott.
1339. Pseudo-Cyperus, L
1340. mirata, Dewey.
1341. hystricina, Willd.
1342. tentaculata, Muhl.
1343. intumescens, Rudge.
1344. Canadensis, Dew.
1345. folliculata, L.
1346. rostrata, Michx.
1347. subulata, Michx.
1348. lupulina, Muhl.
1349. squarrosa, L.
1350. Macounii, Dew.
1351. retrorsa, Schw.
1352. Bellavilla, Dew.
1353. Schweinitzii, Dewey.
1354. vesicaria, L.
1355. Vaseyi, Dewey.
1356. monile, Tuckerm.
1357. ampullacea, Good.
1358. Hartii, Dewey.
1359. cylindrica, Schw,
1360. bullata, Schk.
1361. oligosperma, Michx.
1362. longirostris, Torr.
1363. bicolor, All.

GRAMINACEÆ.

LEERSIA
1364. oryzoides, Swartz.
1365. Virginica, Willd.

ZIZANIA
1366. aquatica, L.
1367. fluitans, Michx.
ALOPECURUS
1368. *geniculatus*, L.
1369. aristulatus, Michx.
PHLEUM
1370. *pratense*, L.
1371. alpinum, L.
VILFA
1372. vaginæflora, Torr.
SPOROBOLUS
1373. heterolepsis, Gray.
1374. cryptandrus, Gray
AGROSTIS
1375. perennans, Tuckerm.
1376. scabra, Willd.
1377. vulgaris, With.
1378. *alba*, L.
CINNA
1379. arundinacea, L.
b. pendula, Gray
MUHLENBERGIA.
1380. glomerata, Trin
1381. Mexicana, Trin.
1382. sylvatica, Torr. & Gr.
1383. Willdenovii, Trin.
1384. capillaris, Kunth
BRACHYELYTRUM
1385. aristatum, Beauv
CALAMAGROSTIS
1386. Canadensis, Beauv
1387. coarctata, Torr.
1388. longifolia, Hook.
1389. arenaria, Roth.
ORYZOPSIS
1390. melanocarpa, Muhl.
1391. asperifolia, Michx.
1392. Canadensis, Torr.
STIPA
1393. Richardsonii, Link.
1394. avenacea, L.
SPARTINA
1395. cynosuroides, Willd.
1396. polystachya, Willd.
1397. juncea, Willd.
BOUTELOUA
1398. curtipendula, Gray.
CYNODON
1399. *Dactylon*, Pers.
GRAPHEPHORUM
1400. melicoides, Beauv.
b. major, Gray.
DACTYLIS
1401. *glomerata*, L.
KŒLERIA
1402. cristata, Pers.

EATONIA
1403. obtusata, Gray.
1404. Pennsylvanica, Gray.
GLYCERIA
1405. Canadensis, Trin.
1406. obtusa, Trin.
1407. elongata, Trin.
1408. nervata, Trin.
1409. pallida, Trin.
1410. aquatica, Smith.
1411. fluitans, R. Br.
1412. acutiflora, Torr.
1413. maritima, Wahl.
BRIZOPYRUM
1414. spicatum, Hook
POA
1415. annua, L.
1416. laxa, Hænke.
1417. alpina, L.
1418. brevifolia, Muhl.
1419. flexuosa, Muhl.
1420. alsodes, Gray.
1421. debilis, Torr.
1422. serotina, Ehrh.
1423. nemoralis, L.
1424. *trivialis*, L
1425. pratensis, L.
1426. compressa, L.
ERAGROSTIS
1427. reptans, Nees.
BRIZA
1428. *media*, L.
FESTUCA
1429. tenella, Willd.
1430. ovina, L.
b. duriuscula, Gray.
1431. elatior, L.
1432. nutans, Willd.
BROMUS
1433. *secalinus*, L.
1434. Kalmii, Gray.
1435. ciliatus, L.
PHRAGMITES
1436. communis, Trin
LOLIUM
1437. *perenne*, L.
TRITICUM
1438. repens, L.
1439. caninum, L.
1440. dasystachyum, Gray.
1441. ——nov. sp.
HORDEUM.
1442. jubatum, L.
ELYMUS
1443. Virginicus, L.
1444. Canadensis, L.
1445. europaeus, L.
1446. mollis, Trin.
GYMNOSTICHUM
1447. Hystrix, Schreb.
AIRA
1448. flexuosa, L.
1449. cæspitosa, L.
1450. atropurpurea, Wahl.
DANTHONIA
1451. spicata, Beauv.
TRISETUM
1452. subspicatum, Beauv
a. molle, Gray.
AVENA
1453. striata, Michx.
HOLCUS
1454. lanatus, L.
HIEROCHLOA
1455. borealis, Rœm. & Shultes.
1456. alpina, Rœm. & Schultes.
ANTHOXANTHUM.
1457. *odoratum*, L.
PHALARIS.
1458. arundinacea, L
MILIUM.
1459. effusum, L.
PANICUM.
1460. filiforme, L.
1461. *glabrum*, Gaudin.
1462. *sanguinale*, L.
1463. agrostoides, Spreng
1464. capillare, L.
1465. autumnale, Bosc
1466. virgatum, L.
1467. latifolium, L.
1468. clandestinum, L.
1469. microcarpon, Muhl.
1470. xanthophysum, Gray.
1471. dichotomum, L.
1472. depauperatum, Muhl.
1473. *Crus-galli*, L.
SETARIA
1474. *verticillata*, Beauv.
1475. *glauca*, Beauv.
1476. *viridis*, Beauv.
CENCHRUS.
1477. tribuloides, L.
ANDROPOGON.
1478. furcatus, Muhl.
1479. scoparius, Michx.
1480. argenteus, Ell.
SORGHUM.
1481. nutans, Gray.

EQUISETACEÆ.

EQUISETUM.
1482. arvense, L.
1483. eburneum, Schreber.
1484. pratense, Ehrh.

EQUISETUM
1485. sylvaticum, L.
1486. limosum, L.
1487. palustre, L.
1488. robustum, Braun.
1489. hyemale, L.
1490. variegatum, Schleicher.
1491. scirpoides, Michx.

POLYPODIACEÆ.

POLYPODIUM.
1492. vulgare, L.
1493. Phegopteris, L.
1494. hexagonopterum, Michx.
1495. Dryopteris, L.
STRUTHIOPTERIS
1496. Germanica, Willd.
ALLOSORUS
1497. acrostichoides, Gray.
1498. gracilis, Presl.
1499. atropurpureus, Kunze.
PTERIS.
1500. aquilina, L.
ADIANTUM
1501. pedatum, L.
WOODWARDIA
1502. Virginica, Willd.
CAMPTOSORUS
1503. rhizophyllus, Link.
SCOLOPENDRIUM
1504. vulgare, L.
ASPLENIUM
1505. Trichomanes, L.
1506. ebeneum, Ait.
1507. viride, Hudson.
1508. angustifolium, Michx.
1509. thelypteroides, Michx.
1510. Filix-fœmina, R. Br.
DICKSONIA
1511. punctilobula, Kunze.
WOODSIA.
1512 Ilvensis, R. Br.
1513. glabella, R. Br.
CYSTOPTERIS.
1514. hyperhorea, R. Br.
1515. bulbifera, Bernh.
1516. fragilis, Bernh.
ASPIDIUM.
1517. Thelypteris, Swartz.
1518. Noveboracense, Wild.
ASPIDIUM
1519. spinulosum, Swartz.
b. dilatatum, Gray.
c. Boottii, Gray.
1520. cristatum, Swartz.
1521. Goldianum, Hook.
1522. marginale, Swartz.
1523. fragrans, Swartz.
1524. aculeatum, Swartz.
a. Braunii, Koch.
1525. acrostichoides, Swartz.
1526. Lonchitis, Spreng
ONOCLEA
1527. sensibilis, L.
OSMUNDA
1528. regalis, L.
b. spectabilis, Gray.
1529. Claytoniana, L.
1530. cinnamomea, L.

OPHIOGLOSSACEÆ.

BOTRYCHIUM
1531. lunarioides, Swartz.
1532. obliquum, Muhl.
1533. dissectum, Muhl.
1534. Virginicum, Swartz
b. simplex, Gray
1535. lunaria, Swartz.
OPHIOGLOSSUM
1536. vulgatum, L.

LYCOPODIACEÆ.

LYCOPODIUM
1537. lucidulum, Michx.
1538. Selago, L.
1539. inundatum, L.
1540. annotinum, L.
1541. dendroideum, Michx.
1542. clavatum, L.
1543. complanatum, L.
SELAGINELLA
1544. selaginoides, Gray.
1545. rupestris, Spring.
1546. apus, Spring.

MARSILEACEÆ.

ISOETES
1547. lacustris, L.

SPECIES OF DOUBTFUL OCCURRENCE.

Thalictrum clavatum, D.C.
Trautvetteria palmata, Fisch & Meyer.
Magnolia acuminata, L.
Asmina triloba, Dunal.
Nuphar lutea, R. Br.
Cardamine bellidifolia, L.
Subularia aquatica, L.
Alsine juniperina, L.
Oxalisviolacea, L.
Rhamnus lanceolatus, Pursh.
Polygala cruciata, L.
Desmodium lineatum, D.C.
Cladrastis tinctoria, Raf
Cercis Canadensis, L.
Poterium Sanguisorba, L.
Geum Peckii, Pursh.
Potentilla paradoxa, Nutt.
P. frigida, Vill.
Œnothera fruticosa, L.
Heuchera villosa, Michx.
Hydrocotyle interrupta, Muhl.
Mikania scandens, L.
Aster spectabilis, Ait.
A. blandius, Pursh.
Erigeron alpinum, Hook.
E. hyssopifolium, Michx.
Solidago virgata, Michx.
S. Ohioensis, Riddell.
S. elliptica, Ait.
S. pilosa, Walt.
S. lateriflora, L.
Chrysopsis falcata, Ell.
Gnaphalium sylvaticum, L.
Circium pumilum, Spreng.
Vaccinium stamineum, L.
Clethra alnifolia, L.
Azalia nudiflora, L.
Rhododendron maximum, L.
Ilex opaca, Ait.
I. glabra, Gray.
Pentstemon gracilis, Nutt.
Gratiola pilosa, Michx.
Pedicularis resupinata, Willd.
Trichostema dichotomum, L.
Salvia lyrata, L.
Phlox maculata, L.
Ipomæa pandurata, L.
Cuscuta compacta, Juss.
Sabbatia stellaris, Pursh.
S. gracilis, Salisb.
Pleurogyne rotata, Griesb.
Asclepias incarnata, L.
Gonolobus hirsutus, Michx.
Fagus sylvatica, L.
Orontium aquaticum, L.
Ruppia maritima, L.
Potamogeton crispum, L.
Alisma natans, Willd.
Pogonia verticillata, Nutt.
Allium stellatum, Nutt.
Lilium Catesbæi, Walt.
Erythronium albidum, Nutt.
Zygadenus glaberrimus, Michx.
Stenanthium, angustifolium, Gray.
Eriocaulon decangulare, L.
Eleocharis equisetoides, Torr.
Carex panicea, L.
Eragrostis capillaris, Nees.
Trisetum, palustre, Torr.
Panicum pauciflorum, Ell.
Polypodium Robertianum, Hoffm.
Asplenium marinum, L.
A. Ruta-muraria, L.
A. septentrionale, Hoffm.
Aspidium Filix-mas, Swartz.
Lygodium palmatum, Swartz.
Botrychium lanceolatum, Watt.
Azolla Caroliniana, Willd.
Marsilea mucronata, L.
Salvinia natans, L.

OCCASIONALLY ESCAPED FROM CULTIVATION ABOUT DWELLINGS, &C.

Berberis vulgaris, L.
Hesperis matricularis, L.
Sinapis alba, L.
Draba, muralis, L.
Lepidium ruderale, L.
Raphanus raphanistrum, L.
Silene Armeria, L.
Lychnis flos-cuculi, L.
L. vespertina, Sibth.
Scleranthus annuus, L.
Portulacca grandiflora, L.
Malva Moschata, L.
Abutilon Avicennæ, Gaertn.
Hibiscus Trionum, L.
Linum usitatissimum, L.
Crataegus oxycantha, L.
Sedum Telephium, L.
S acre, L.
Scabiosa atropurpurea, L.
Anthemis arvensis, L.
Achillea Ptarmica, L.
Artimesia Absinthium, L.
Centaurea nigra, L.
Cnicus benedictus, L.
Lampsana communis, L.
Tragopogon pratense, L.
Sonchus palustris, L.
Veronica Chamædrys, L.
V trphyllos, L.
Pedicularis palustris, L.
Satureia hortensis, L
Melissa officinalis, L.
Lamium purpureum, L.
Ipomea purpurea, Lam.
Erythræa Centaurium, Pers
Ligustrum vulgare, L.
Blitum Bonus-Henricus, Reichenb.
Chenopodium Botrys, L.
Euphorbia Cyparissias, L.
E Peplus, L.
Tradescantia Virginica L.
Eragrostis poœoides, Beauv
Phalaris Canariensis, L.

PREPARING FOR THE PRESS,

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HANDBOOK

OF

THE CANADIAN FLORA,

A DESCRIPTION

OF THE

FLOWERING PLANTS AND FERNS

OF CANADA,

BY

THE REV. J. HUBBERT, M.A., Ph.D.

FELLOW OF THE BOTANICAL SOCIETY OF CANADA,
MEM. ENT. SOC. CAN., MEM. CAN. INST.,
COR. MEM. ESSEX INSTITUTE,
PROF. OF NATURAL HIST. IN
St. FRANCIS COLLEGE,
RICHMOND, C. E.,
ETC., ETC., ETC.

WITH PLATES

ILLUSTRATING THE GENERA OF THE GRASSES AND FERNS.

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